

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P558690 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558690 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA2D-927-U-WAF-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (32) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

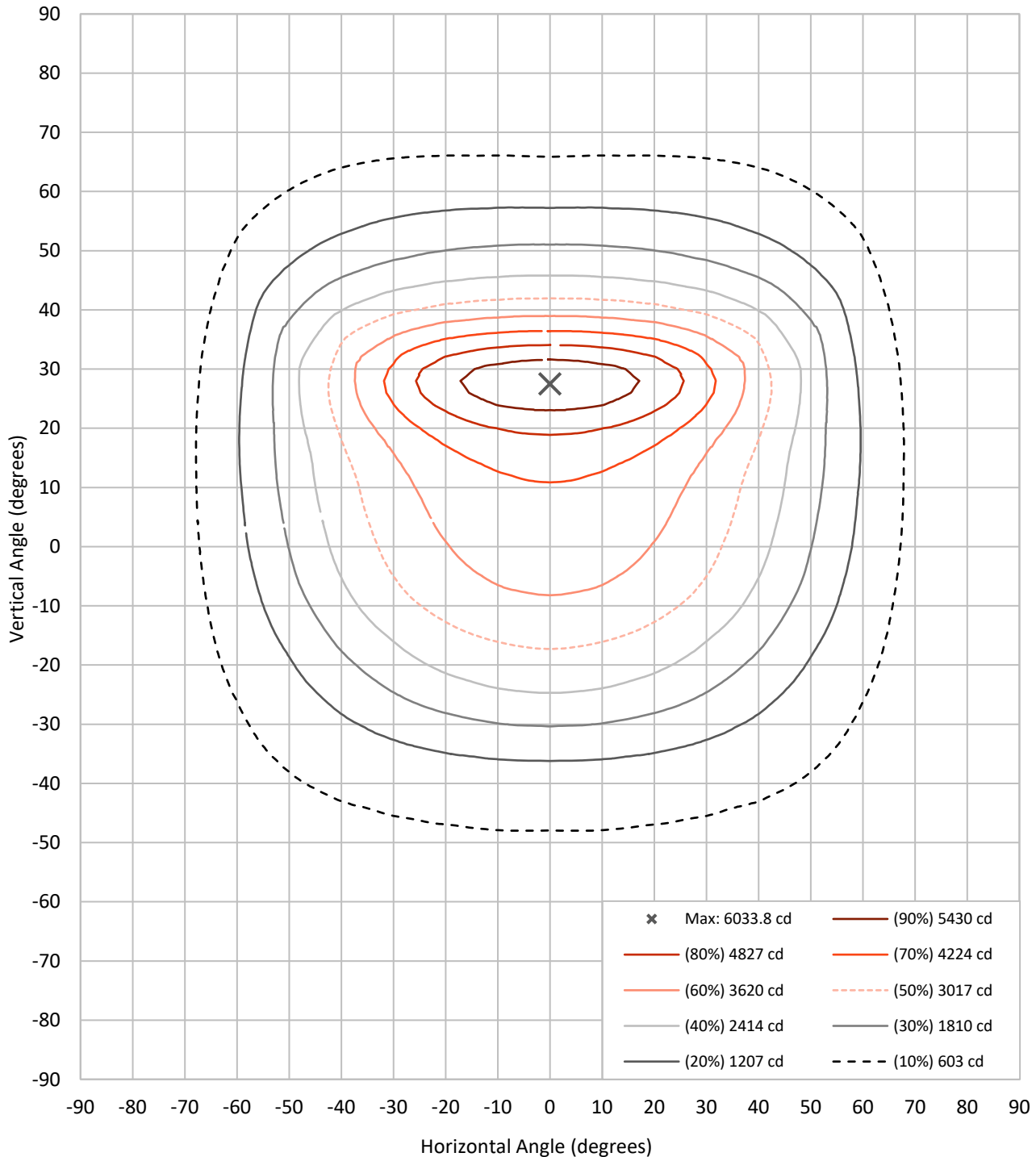
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	8796.2 lumens	Max Intensity:	6033.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	80.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	4562.2 lumens	Field Lumens:	8137.3 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	110		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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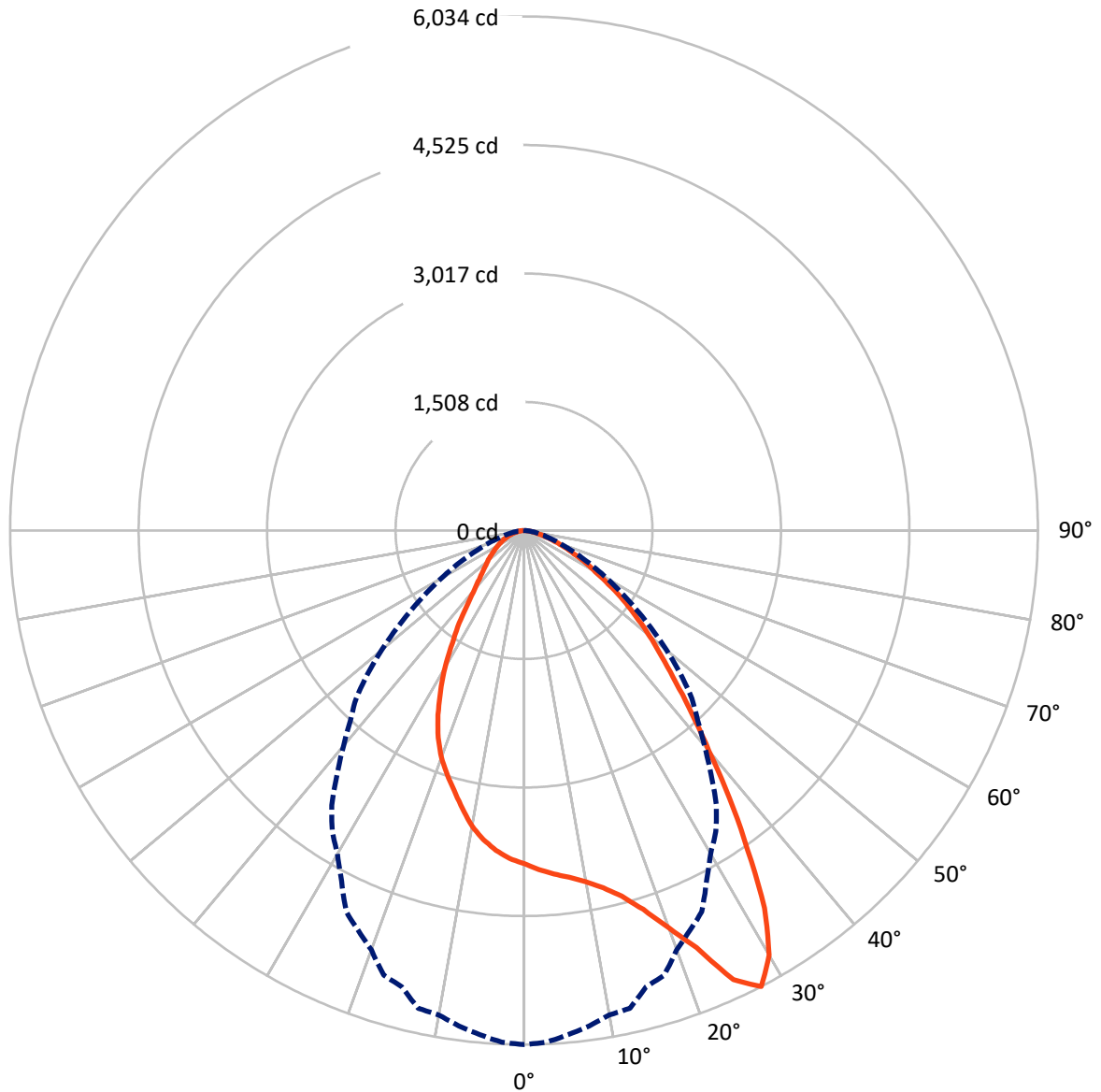
### Iso-Candela Plot





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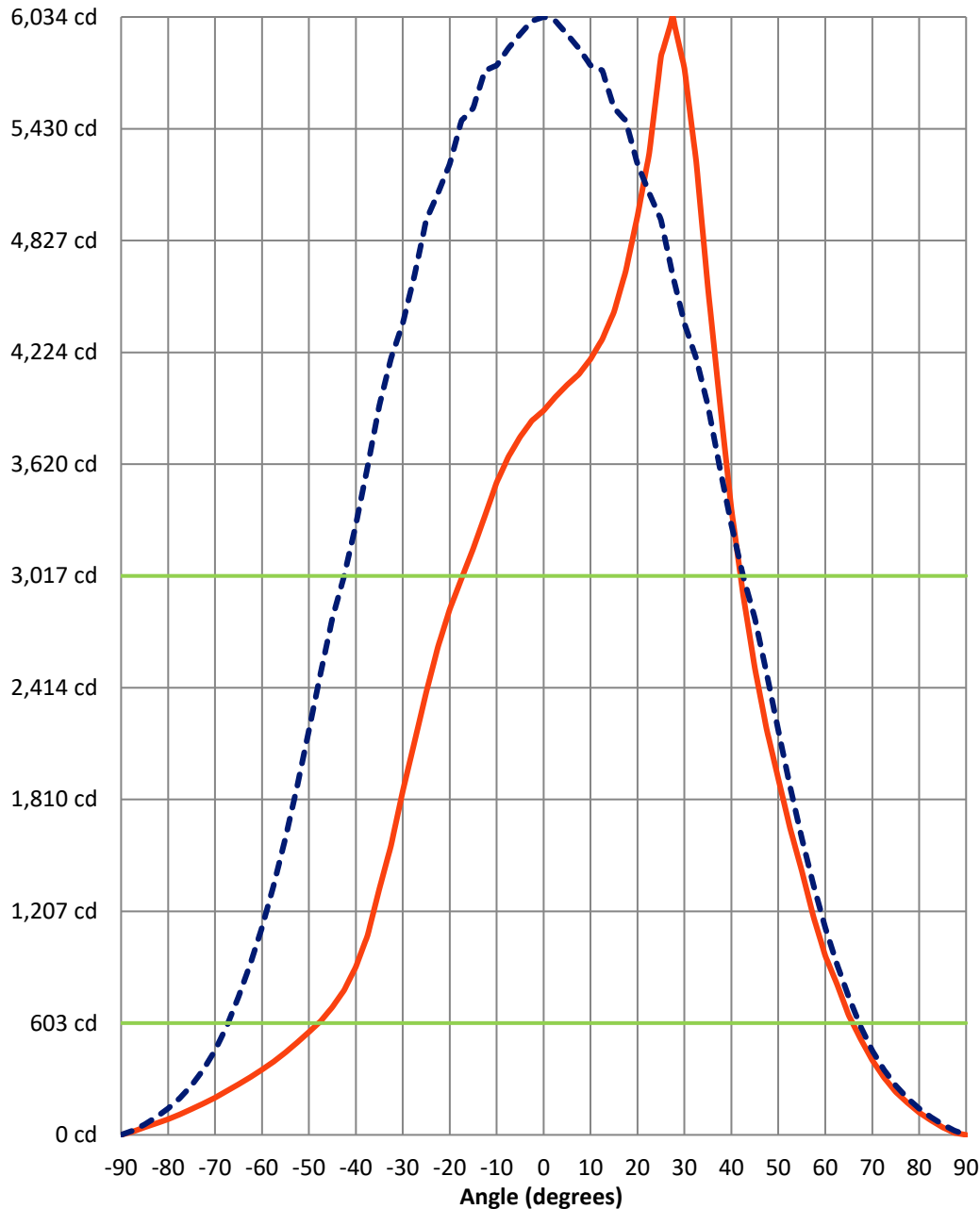
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg    - - - Horizontal Distribution Through 27.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 4562.2  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 8137.3  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 659  
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.2	2.3	3.5	4.6	5.7	6.7	7.7	8.7	9.7	10.6
85°	0.0	2.3	4.7	7.0	9.2	11.3	13.4	15.5	17.5	19.4	21.2
82.5°	0.0	3.5	7.0	10.4	13.7	17.0	20.1	23.2	26.7	32.5	38.6
80°	0.0	4.6	9.3	13.9	18.3	22.6	27.4	35.0	43.0	51.3	59.9
77.5°	0.0	5.7	11.6	17.3	22.8	29.5	38.9	48.8	59.1	69.8	82.3
75°	0.0	6.8	13.9	20.7	27.8	38.7	50.3	62.4	75.5	91.9	108.8
72.5°	0.0	7.9	16.1	24.0	34.8	47.7	61.5	76.8	95.7	115.1	134.9
70°	0.0	9.0	18.3	27.7	41.7	56.6	72.8	94.0	115.6	137.9	164.0
67.5°	0.0	10.1	20.5	32.6	48.4	65.3	86.8	110.7	135.2	164.1	193.3
65°	0.0	11.2	22.6	37.4	55.0	74.9	100.3	127.1	157.8	189.7	223.6
62.5°	0.0	12.2	24.7	42.1	61.4	85.4	113.4	145.3	179.9	215.7	257.0
60°	0.0	13.2	26.8	46.6	67.6	95.6	126.0	164.0	201.4	244.2	289.4
57.5°	0.0	14.2	29.6	51.0	75.1	105.3	140.2	181.9	224.7	271.8	326.3
55°	0.0	15.1	32.4	55.3	82.4	114.6	154.1	198.6	247.8	299.6	364.2
52.5°	0.0	16.0	35.1	59.4	89.3	123.8	167.2	216.3	270.0	330.8	399.8
50°	0.0	16.9	37.7	63.4	95.9	133.8	179.5	233.2	292.3	360.1	442.5
47.5°	0.0	17.8	40.2	67.3	102.1	143.3	191.3	248.9	316.0	387.4	483.1
45°	0.0	18.6	42.6	71.7	108.0	152.1	203.5	263.4	336.7	420.4	520.6
42.5°	0.0	19.4	44.9	75.9	113.5	160.2	214.9	278.6	355.8	450.8	562.7
40°	0.0	20.1	47.1	79.8	119.1	167.7	225.2	293.8	374.9	478.1	602.2
37.5°	0.0	20.8	49.2	83.5	124.7	174.5	234.5	307.6	395.7	503.1	637.5
35°	0.0	21.5	51.1	87.0	129.8	181.3	242.8	320.0	413.9	529.7	670.8
32.5°	0.0	22.1	52.9	90.2	134.4	187.7	250.8	331.0	429.7	552.5	700.4
30°	0.0	22.7	54.6	93.2	138.5	193.3	259.3	341.1	443.0	571.4	725.1
27.5°	0.0	23.2	56.2	96.0	142.4	198.2	266.7	351.7	455.3	586.5	744.6
25°	0.0	23.7	57.6	98.4	145.8	202.2	272.9	360.3	467.3	600.4	759.3
22.5°	0.0	24.2	58.9	100.7	148.8	205.8	278.0	367.1	476.4	611.6	771.8
20°	0.0	24.6	60.0	102.6	151.3	209.3	282.0	371.9	482.6	618.8	779.9
17.5°	0.0	24.9	61.0	104.3	153.3	212.2	285.6	374.9	485.9	622.3	783.7
15°	0.0	25.2	61.9	105.7	154.8	214.4	288.4	377.1	486.6	622.0	783.1
12.5°	0.0	25.5	62.6	106.8	155.9	216.1	290.2	378.6	486.6	618.3	778.5
10°	0.0	25.7	63.2	107.7	156.5	217.2	290.9	378.7	485.8	616.5	771.4
7.5°	0.0	25.8	63.6	108.3	156.7	217.6	290.6	377.4	482.9	612.6	763.5
5°	0.0	25.9	63.9	108.7	156.6	217.4	289.3	374.8	478.1	606.1	751.8
2.5°	0.0	26.0	64.0	108.8	156.0	216.7	287.1	370.8	471.4	597.1	736.7
0°	0.0	26.0	64.0	108.6	155.0	215.3	284.0	365.7	463.1	585.7	718.4
-2.5°	0.0	26.0	63.8	108.1	154.2	213.3	280.8	360.3	454.9	573.1	700.0
-5°	0.0	26.0	63.6	107.4	153.1	210.7	276.7	353.9	445.3	558.5	679.2
-7.5°	0.0	26.0	63.1	106.4	151.7	207.6	272.0	346.5	434.4	542.0	656.3
-10°	0.0	25.8	62.6	105.1	149.9	204.0	266.5	338.2	422.2	524.0	631.7
-12.5°	0.0	25.7	61.9	103.7	147.8	200.0	260.4	329.1	408.9	504.7	607.4
-15°	0.0	25.5	61.0	102.0	145.3	195.5	253.7	319.2	395.3	485.8	582.7
-17.5°	0.0	25.2	60.1	100.1	142.5	190.8	246.3	309.3	381.7	465.8	556.7
-20°	0.0	24.9	59.0	98.0	139.4	185.6	238.7	299.3	367.4	444.9	529.6



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 CATALOG NUMBER: GFLD-SA2D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.5	57.8	95.6	135.9	180.2	231.1	288.6	352.5	423.4	501.7
-25°	0.0	24.1	56.5	93.1	132.2	174.7	223.0	277.3	337.0	401.2	473.2
-27.5°	0.0	23.6	55.0	90.4	128.2	169.1	214.5	265.3	321.0	379.8	446.1
-30°	0.0	23.1	53.5	87.5	123.9	163.1	205.6	252.8	305.6	360.2	419.0
-32.5°	0.0	22.6	51.9	84.5	119.4	156.7	196.4	241.1	290.3	340.6	392.1
-35°	0.0	22.0	50.2	81.3	114.8	150.0	187.8	229.6	274.5	321.0	365.5
-37.5°	0.0	21.3	48.3	77.9	109.9	143.3	179.3	217.8	258.3	301.4	343.5
-40°	0.0	20.6	46.4	74.3	104.8	136.8	170.5	205.9	241.7	282.4	322.7
-42.5°	0.0	19.9	44.4	70.7	99.7	130.1	161.4	193.7	226.8	264.0	301.5
-45°	0.0	19.1	42.3	66.9	94.6	123.2	152.0	182.0	212.8	245.5	280.2
-47.5°	0.0	18.3	40.2	63.0	89.4	116.1	142.4	170.8	198.8	227.1	259.8
-50°	0.0	17.4	38.0	59.5	84.0	108.9	133.5	159.3	185.0	211.6	239.4
-52.5°	0.0	16.5	35.7	56.0	78.5	101.5	124.7	147.6	171.6	195.8	219.5
-55°	0.0	15.6	33.3	52.5	72.7	94.3	115.8	136.0	158.2	179.8	201.9
-57.5°	0.0	14.6	30.9	48.8	66.9	87.0	106.7	125.6	144.7	164.5	184.0
-60°	0.0	13.6	28.4	45.1	60.9	79.6	97.6	115.1	131.3	149.2	166.4
-62.5°	0.0	12.6	26.3	41.3	55.9	72.0	88.6	104.4	119.3	133.8	149.5
-65°	0.0	11.5	24.1	37.4	50.7	64.3	79.5	93.7	107.1	119.8	132.5
-67.5°	0.0	10.4	21.9	33.4	45.5	57.2	70.2	83.1	94.8	106.3	117.0
-70°	0.0	9.3	19.6	29.4	40.2	50.6	60.8	72.4	83.0	92.5	102.1
-72.5°	0.0	8.2	17.2	25.7	34.8	43.9	52.8	61.7	71.2	79.7	87.3
-75°	0.0	7.1	14.8	22.1	29.3	37.2	44.8	52.2	59.3	66.9	73.7
-77.5°	0.0	5.9	12.4	18.5	24.4	30.5	36.8	43.1	49.0	54.5	60.0
-80°	0.0	4.8	10.0	14.8	19.6	24.2	28.8	33.9	38.8	43.3	47.5
-82.5°	0.0	3.6	7.5	11.2	14.7	18.2	21.5	25.0	28.5	32.1	35.4
-85°	0.0	2.4	5.0	7.4	9.8	12.1	14.4	16.7	19.0	21.3	23.5
-87.5°	0.0	1.2	2.5	3.7	4.9	6.1	7.2	8.4	9.5	10.6	11.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558690 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.2	11.6	12.0	12.2	12.7	13.1	13.5	13.8	14.0	14.2	14.3
85°	22.3	23.2	25.9	28.5	31.3	33.8	36.0	37.9	39.5	40.8	41.8
82.5°	43.6	48.2	52.6	56.7	60.5	63.9	67.1	70.9	73.9	76.4	78.5
80°	66.8	73.1	80.9	88.1	94.6	100.6	106.1	111.0	114.8	118.6	122.4
77.5°	93.9	104.2	113.8	122.6	131.1	141.1	150.3	158.8	165.3	170.2	173.9
75°	123.0	135.2	149.2	163.0	176.0	187.9	199.5	213.7	225.2	233.9	240.8
72.5°	154.1	171.7	188.7	205.3	224.3	242.9	260.9	278.3	293.5	304.8	313.9
70°	187.7	208.1	231.7	255.5	278.4	301.7	326.5	349.1	367.8	381.0	393.6
67.5°	222.1	250.6	278.5	307.3	339.8	369.4	396.5	425.0	450.2	466.8	481.3
65°	261.6	293.6	330.9	368.9	404.6	441.6	475.8	506.8	538.6	561.7	580.7
62.5°	299.8	344.8	388.8	433.3	478.2	518.4	563.1	603.0	634.9	668.0	696.3
60°	345.2	398.7	452.6	506.3	556.5	612.9	662.0	708.3	751.1	788.0	822.8
57.5°	390.5	459.5	523.3	586.3	652.7	713.1	770.8	822.7	873.8	916.5	958.3
55°	438.1	527.0	600.6	678.4	751.4	819.7	884.5	949.5	1004.0	1062.7	1113.9
52.5°	491.0	592.5	687.6	773.3	855.6	934.4	1011.8	1090.1	1166.6	1227.5	1285.3
50°	540.4	661.4	775.8	873.6	968.2	1061.7	1158.5	1256.4	1340.6	1410.3	1470.5
47.5°	594.8	725.4	870.7	978.9	1092.5	1208.3	1325.8	1433.9	1525.7	1620.5	1686.9
45°	647.7	790.1	947.9	1098.0	1229.4	1369.6	1499.1	1618.3	1751.4	1854.9	1943.7
42.5°	696.1	851.5	1027.1	1218.1	1382.4	1532.9	1673.0	1840.8	1993.6	2114.7	2225.4
40°	745.9	907.3	1099.1	1329.7	1535.0	1695.7	1866.2	2051.6	2250.6	2399.5	2531.9
37.5°	791.4	964.5	1165.0	1414.8	1685.2	1861.9	2050.5	2251.6	2478.4	2702.4	2861.6
35°	831.6	1012.8	1230.3	1484.1	1760.9	2023.0	2222.5	2436.7	2684.9	2975.5	3192.9
32.5°	868.2	1052.3	1282.2	1538.2	1819.0	2126.3	2379.3	2599.2	2848.3	3148.2	3517.3
30°	897.9	1090.5	1320.8	1577.2	1858.9	2164.9	2486.3	2725.9	2962.2	3256.5	3600.1
27.5°	920.5	1118.6	1347.4	1601.6	1880.2	2182.8	2492.0	2787.5	3016.3	3293.3	3605.7
25°	937.8	1141.6	1361.5	1610.6	1883.3	2175.0	2472.4	2752.1	3008.9	3253.1	3533.5
22.5°	952.2	1157.4	1376.9	1604.5	1869.1	2147.0	2426.7	2693.4	2942.0	3170.6	3411.7
20°	963.0	1167.5	1384.7	1610.5	1845.3	2101.5	2369.0	2622.8	2862.9	3084.3	3280.5
17.5°	967.8	1170.5	1384.7	1609.4	1841.3	2065.4	2298.3	2542.2	2778.3	2998.2	3192.2
15°	966.9	1166.6	1377.1	1600.8	1829.2	2051.2	2265.8	2467.1	2686.9	2909.2	3102.4
12.5°	960.5	1156.1	1362.1	1584.8	1809.6	2028.9	2239.7	2441.8	2638.9	2825.1	3009.8
10°	948.9	1139.2	1340.1	1561.4	1782.5	1998.5	2206.6	2409.4	2604.4	2787.2	2959.2
7.5°	936.9	1120.3	1313.6	1530.8	1747.9	1960.1	2166.3	2369.5	2560.7	2743.1	2916.8
5°	921.1	1100.3	1293.4	1501.5	1710.7	1917.8	2119.6	2321.7	2507.9	2691.9	2866.3
2.5°	901.1	1075.4	1268.0	1466.0	1669.1	1874.1	2069.0	2267.3	2458.2	2635.1	2807.0
0°	877.1	1046.0	1237.2	1423.8	1620.5	1822.9	2010.3	2204.3	2402.9	2570.0	2738.0
-2.5°	851.0	1010.7	1192.4	1378.0	1568.1	1766.6	1958.8	2142.7	2336.9	2505.8	2677.4
-5°	821.6	971.8	1142.9	1326.4	1509.6	1703.1	1898.9	2073.7	2259.3	2426.3	2595.0
-7.5°	789.6	929.8	1089.3	1268.3	1443.0	1625.5	1810.9	1979.1	2159.5	2324.7	2489.0
-10°	755.8	888.3	1037.2	1202.8	1367.4	1537.5	1711.7	1876.4	2049.9	2214.4	2372.5
-12.5°	723.5	847.4	983.5	1134.1	1287.7	1444.9	1606.9	1765.9	1930.5	2095.8	2243.6
-15°	689.6	804.5	928.1	1063.1	1204.5	1348.3	1497.1	1647.7	1802.1	1963.8	2100.3
-17.5°	654.5	759.8	871.5	990.5	1118.4	1248.6	1385.4	1530.7	1672.0	1819.3	1951.4
-20°	618.6	713.9	814.4	917.0	1030.6	1155.5	1283.4	1413.8	1542.2	1670.5	1794.5



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 CATALOG NUMBER: GFLD-SA2D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	582.2	667.0	758.5	848.7	956.8	1069.5	1181.8	1294.9	1410.2	1520.6	1637.9
-25°	547.0	623.4	704.2	791.9	884.7	984.1	1080.6	1176.2	1278.4	1381.9	1482.9
-27.5°	513.1	580.5	656.8	735.0	812.3	900.7	985.2	1066.3	1155.4	1246.7	1328.4
-30°	479.1	543.2	610.0	679.3	747.3	821.2	894.2	965.3	1037.9	1116.2	1186.9
-32.5°	447.6	506.1	566.9	627.7	685.4	742.6	810.1	873.3	932.8	988.5	1050.2
-35°	418.7	472.4	525.3	577.7	625.2	675.6	732.0	785.2	832.9	877.7	924.8
-37.5°	391.6	439.3	483.9	530.7	573.0	616.1	657.6	703.7	742.3	778.1	816.8
-40°	364.3	407.0	447.1	486.3	525.1	561.0	596.4	627.8	658.9	693.3	719.9
-42.5°	337.5	377.1	413.0	443.1	479.6	510.7	538.2	564.1	589.6	616.4	637.7
-45°	313.8	347.6	380.3	409.1	436.5	463.0	486.3	506.7	530.8	549.4	565.5
-47.5°	289.9	319.2	349.1	375.6	398.6	420.1	437.5	457.9	477.7	493.6	503.0
-50°	266.4	293.2	318.5	343.2	364.0	381.3	396.3	413.2	429.5	443.1	452.0
-52.5°	244.8	267.1	290.6	311.6	330.8	346.2	360.5	375.2	387.2	396.5	408.3
-55°	223.3	243.9	263.5	282.4	298.8	313.0	327.0	340.0	350.3	358.3	368.0
-57.5°	203.3	221.8	238.9	254.8	269.5	281.6	295.3	306.4	316.0	323.5	333.5
-60°	183.7	200.3	215.8	229.7	241.7	253.7	264.8	275.0	283.4	290.9	300.1
-62.5°	164.2	179.2	193.2	205.9	216.9	226.8	236.9	245.5	252.5	260.3	267.9
-65°	146.0	158.6	170.9	182.5	192.8	202.3	210.6	217.6	224.2	231.0	237.1
-67.5°	127.8	139.6	149.9	159.0	168.6	177.8	185.5	192.0	197.5	203.0	208.2
-70°	111.5	120.9	130.3	138.5	145.8	153.5	160.9	167.1	171.9	176.3	180.5
-72.5°	95.5	103.8	111.5	118.7	125.3	131.4	137.3	142.9	147.4	150.9	153.9
-75°	80.3	86.7	93.4	99.7	105.1	109.8	114.3	118.7	122.5	125.4	127.8
-77.5°	65.7	71.2	76.3	81.1	85.0	88.8	92.2	95.4	98.3	100.5	102.1
-80°	51.6	55.5	59.7	63.7	66.7	69.2	71.4	73.3	75.4	77.6	79.4
-82.5°	38.4	41.2	44.0	46.7	48.8	50.5	52.1	53.5	55.0	56.4	57.7
-85°	25.2	26.9	28.6	30.2	31.8	33.2	34.4	35.5	36.3	37.0	37.6
-87.5°	12.6	13.4	14.2	14.9	15.7	16.4	17.1	17.7	18.2	18.5	18.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.4	14.5	14.5	14.4	14.3	13.7	13.1	12.4	11.7	12.0	12.4
85°	42.5	42.7	42.6	42.1	41.5	41.4	41.3	41.0	40.6	41.3	41.8
82.5°	80.1	80.7	80.8	80.4	79.6	79.9	80.1	79.9	79.4	80.0	80.3
80°	125.2	126.3	126.4	125.6	123.8	124.1	124.2	123.8	123.0	123.2	123.2
77.5°	178.2	181.0	182.0	181.6	179.9	179.4	178.2	175.8	172.2	172.1	172.2
75°	246.0	248.9	250.3	250.2	248.6	247.5	246.0	243.2	239.2	239.1	239.1
72.5°	320.9	325.0	326.8	328.5	328.5	327.9	325.9	321.7	315.6	314.8	315.6
70°	403.5	410.4	414.8	418.2	420.9	421.5	420.2	416.8	411.4	410.0	409.6
67.5°	495.5	506.6	515.0	520.6	525.9	529.7	531.1	529.6	525.3	523.8	524.4
65°	598.6	615.7	629.9	640.5	647.6	652.7	657.1	659.7	660.3	661.9	663.9
62.5°	719.1	740.1	759.8	773.2	780.1	785.0	799.2	807.3	809.7	810.2	813.3
60°	853.6	880.2	904.8	924.5	940.5	952.5	964.6	972.5	975.5	976.1	980.4
57.5°	1000.7	1034.1	1062.9	1093.4	1114.8	1127.1	1143.2	1159.8	1168.4	1170.9	1181.1
55°	1163.4	1209.0	1246.4	1279.0	1308.8	1335.0	1357.1	1374.2	1386.8	1394.4	1407.9
52.5°	1343.4	1397.0	1436.0	1474.4	1517.0	1547.1	1566.8	1598.4	1621.3	1633.9	1650.0
50°	1540.9	1600.7	1653.8	1694.0	1743.7	1784.8	1814.8	1844.7	1865.6	1877.6	1893.2
47.5°	1765.8	1839.4	1901.1	1938.4	1996.0	2044.4	2063.9	2086.5	2126.0	2145.0	2161.6
45°	2019.1	2112.9	2181.4	2239.8	2289.3	2343.6	2379.2	2404.9	2443.8	2463.3	2475.6
42.5°	2320.3	2424.7	2515.0	2585.1	2626.7	2697.2	2748.6	2763.0	2818.1	2855.4	2866.4
40°	2658.3	2774.0	2893.1	2972.9	3040.0	3111.6	3196.3	3243.5	3290.0	3326.7	3335.0
37.5°	3010.4	3165.3	3301.2	3404.4	3515.3	3620.8	3710.6	3759.6	3790.1	3860.2	3886.3
35°	3368.4	3528.2	3718.6	3878.9	4013.3	4143.6	4246.0	4326.8	4403.6	4466.7	4504.4
32.5°	3673.2	3845.2	4080.4	4320.3	4465.3	4606.4	4774.8	4867.1	4969.7	5052.8	5113.5
30°	3923.7	4087.3	4301.3	4602.4	4801.0	4944.0	5157.1	5284.8	5396.5	5537.3	5586.3
27.5°	3935.6	4191.2	4380.5	4639.8	4937.9	5083.0	5240.7	5472.8	5543.2	5744.0	5772.9
25°	3832.3	4100.7	4295.2	4511.7	4759.5	4936.1	5080.1	5273.0	5374.1	5503.2	5602.4
22.5°	3670.7	3907.3	4105.7	4289.3	4482.7	4643.4	4775.0	4910.7	5021.6	5121.8	5214.8
20°	3492.3	3716.8	3905.0	4062.8	4216.1	4365.1	4483.6	4597.5	4693.4	4779.4	4832.3
17.5°	3366.6	3528.1	3720.4	3882.1	4015.0	4132.0	4254.5	4349.8	4433.9	4511.3	4559.7
15°	3280.8	3434.4	3571.3	3719.7	3859.7	3971.3	4063.5	4161.8	4234.6	4301.2	4353.7
12.5°	3191.8	3350.0	3493.2	3616.9	3726.5	3848.3	3946.8	4024.2	4100.5	4152.9	4206.7
10°	3117.4	3265.4	3414.0	3544.5	3659.9	3760.2	3853.6	3940.4	4008.8	4067.5	4109.9
7.5°	3074.2	3219.4	3352.9	3478.1	3590.6	3697.5	3793.8	3873.4	3941.2	4001.9	4046.4
5°	3024.1	3167.9	3301.2	3429.2	3537.1	3639.9	3735.7	3817.7	3887.8	3941.9	3984.5
2.5°	2966.7	3108.6	3241.6	3371.6	3479.6	3578.6	3669.4	3749.2	3822.3	3873.9	3910.2
0°	2901.3	3043.4	3173.3	3295.8	3404.4	3511.1	3594.7	3675.4	3746.9	3797.9	3834.1
-2.5°	2835.4	2976.6	3111.0	3228.4	3336.2	3434.7	3523.7	3599.9	3668.2	3719.0	3750.8
-5°	2747.7	2888.0	3020.7	3139.0	3251.6	3350.5	3437.0	3514.5	3580.3	3635.7	3678.8
-7.5°	2641.6	2783.4	2916.0	3036.8	3148.8	3242.3	3325.3	3403.5	3473.7	3534.2	3587.2
-10°	2524.8	2665.1	2790.4	2903.5	3007.9	3103.0	3191.3	3268.5	3332.8	3392.1	3436.7
-12.5°	2388.9	2518.8	2641.4	2752.9	2854.9	2950.1	3034.1	3107.6	3172.4	3224.9	3265.1
-15°	2238.9	2362.2	2478.3	2592.3	2699.1	2792.8	2866.7	2944.2	3000.3	3051.3	3087.5
-17.5°	2078.4	2197.6	2319.7	2434.0	2532.6	2625.0	2706.4	2777.2	2836.1	2882.9	2923.7
-20°	1915.7	2037.2	2154.7	2263.6	2358.4	2444.1	2526.5	2594.5	2654.9	2705.7	2753.7



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1752.4	1863.7	1974.1	2080.5	2170.3	2251.4	2323.4	2388.5	2441.8	2501.8	2544.1
-25°	1584.6	1682.1	1781.8	1875.9	1960.7	2040.4	2105.7	2162.7	2218.3	2276.2	2317.5
-27.5°	1416.0	1502.2	1583.1	1666.4	1740.7	1809.7	1870.4	1920.3	1974.2	2012.8	2058.2
-30°	1249.2	1327.5	1394.9	1452.8	1522.7	1582.0	1629.1	1678.7	1723.3	1760.3	1798.5
-32.5°	1108.0	1161.5	1215.4	1263.8	1310.3	1359.0	1397.0	1440.3	1470.8	1502.6	1533.6
-35°	972.3	1013.5	1049.3	1094.6	1129.4	1156.0	1187.6	1219.4	1231.6	1266.2	1284.6
-37.5°	849.4	876.4	909.8	941.4	967.3	987.1	1015.3	1031.9	1040.7	1063.1	1075.1
-40°	744.2	761.3	792.4	814.0	829.6	844.0	867.4	878.2	890.2	901.3	901.7
-42.5°	651.7	673.7	694.8	711.7	721.5	737.9	749.0	750.2	765.7	775.6	777.1
-45°	576.0	598.3	615.1	627.5	637.3	651.4	658.6	662.6	675.2	681.9	684.8
-47.5°	517.9	533.5	548.0	557.6	570.4	580.9	586.1	592.7	602.4	608.6	613.0
-50°	466.7	479.1	490.1	499.0	511.8	521.0	526.0	534.2	541.4	545.9	549.4
-52.5°	421.8	432.8	440.5	449.0	459.7	467.9	474.3	482.4	488.4	492.3	495.4
-55°	379.7	390.1	397.6	406.9	414.5	420.0	425.4	433.3	439.2	443.2	445.9
-57.5°	342.6	350.3	357.7	366.1	373.4	379.4	384.2	388.6	392.5	395.7	398.3
-60°	307.8	314.2	320.9	327.5	332.9	337.3	342.5	346.4	348.9	350.5	352.6
-62.5°	274.4	280.1	286.0	291.3	295.7	299.3	303.5	306.8	309.1	310.8	312.0
-65°	242.6	247.5	252.5	256.9	260.7	263.9	266.8	269.1	270.8	272.2	273.2
-67.5°	212.9	216.7	220.3	223.3	226.1	228.8	231.4	233.2	234.1	235.3	236.4
-70°	184.2	187.2	189.6	191.4	193.0	195.2	197.7	199.4	200.4	201.5	202.6
-72.5°	156.4	158.7	160.6	162.1	163.0	164.4	166.1	167.5	168.6	169.4	169.8
-75°	129.7	131.6	133.3	134.4	135.1	136.1	137.0	137.4	137.5	137.9	138.1
-77.5°	103.6	105.4	107.0	108.1	108.8	109.6	110.2	110.6	110.7	110.7	110.5
-80°	80.8	82.1	83.1	83.9	84.4	85.0	85.3	85.4	85.2	85.4	85.5
-82.5°	58.7	59.9	60.8	61.5	62.0	62.5	63.0	63.3	63.5	63.5	63.4
-85°	38.0	38.5	39.0	39.5	39.9	40.2	40.3	40.3	40.2	40.3	40.2
-87.5°	19.0	18.8	18.5	18.1	17.7	17.8	17.9	18.0	18.0	18.2	18.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.7	13.0	12.0	11.1	12.0	13.0	12.7	12.4	12.0	11.7	12.4
85°	42.2	42.5	41.7	40.8	41.7	42.5	42.2	41.8	41.3	40.6	41.0
82.5°	80.4	80.3	79.7	78.9	79.7	80.3	80.4	80.3	80.0	79.4	79.9
80°	122.7	121.9	121.5	120.7	121.5	121.9	122.7	123.2	123.2	123.0	123.8
77.5°	171.8	170.8	172.4	173.6	172.4	170.8	171.8	172.2	172.1	172.2	175.8
75°	238.2	236.3	234.5	232.0	234.5	236.3	238.2	239.1	239.1	239.2	243.2
72.5°	315.3	313.8	312.4	310.0	312.4	313.8	315.3	315.6	314.8	315.6	321.7
70°	407.1	402.8	403.5	403.7	403.5	402.8	407.1	409.6	410.0	411.4	416.8
67.5°	522.7	518.8	519.3	518.8	519.3	518.8	522.7	524.4	523.8	525.3	529.6
65°	662.7	658.3	652.9	645.1	652.9	658.3	662.7	663.9	661.9	660.3	659.7
62.5°	812.9	809.0	811.2	813.0	811.2	809.0	812.9	813.3	810.2	809.7	807.3
60°	979.7	974.3	971.5	967.1	971.5	974.3	979.7	980.4	976.1	975.5	972.5
57.5°	1185.8	1184.8	1182.3	1175.9	1182.3	1184.8	1185.8	1181.1	1170.9	1168.4	1159.8
55°	1414.2	1412.9	1418.2	1424.7	1418.2	1412.9	1414.2	1407.9	1394.4	1386.8	1374.2
52.5°	1661.8	1666.0	1664.5	1655.8	1664.5	1666.0	1661.8	1650.0	1633.9	1621.3	1598.4
50°	1906.9	1911.6	1916.6	1921.2	1916.6	1911.6	1906.9	1893.2	1877.6	1865.6	1844.7
47.5°	2184.7	2197.0	2199.2	2190.4	2199.2	2197.0	2184.7	2161.6	2145.0	2126.0	2086.5
45°	2500.2	2507.7	2511.5	2519.0	2511.5	2507.7	2500.2	2475.6	2463.3	2443.8	2404.9
42.5°	2898.1	2906.7	2908.1	2916.2	2908.1	2906.7	2898.1	2866.4	2855.4	2818.1	2763.0
40°	3370.3	3384.3	3381.9	3378.4	3381.9	3384.3	3370.3	3335.0	3326.7	3290.0	3243.5
37.5°	3923.1	3946.9	3949.4	3964.1	3949.4	3946.9	3923.1	3886.3	3860.2	3790.1	3759.6
35°	4543.5	4571.5	4566.7	4573.8	4566.7	4571.5	4543.5	4504.4	4466.7	4403.6	4326.8
32.5°	5169.3	5211.3	5219.8	5255.1	5219.8	5211.3	5169.3	5113.5	5052.8	4969.7	4867.1
30°	5661.0	5719.8	5758.3	5755.4	5758.3	5719.8	5661.0	5586.3	5537.3	5396.5	5284.8
27.5°	5864.7	5940.9	6012.3	6033.8	6012.3	5940.9	5864.7	5772.9	5744.0	5543.2	5472.8
25°	5666.0	5721.7	5784.7	5818.5	5784.7	5721.7	5666.0	5602.4	5503.2	5374.1	5273.0
22.5°	5257.6	5293.9	5315.3	5297.8	5315.3	5293.9	5257.6	5214.8	5121.8	5021.6	4910.7
20°	4887.1	4932.9	4941.5	4960.0	4941.5	4932.9	4887.1	4832.3	4779.4	4693.4	4597.5
17.5°	4611.3	4641.3	4659.0	4662.9	4659.0	4641.3	4611.3	4559.7	4511.3	4433.9	4349.8
15°	4395.2	4419.3	4435.1	4442.1	4435.1	4419.3	4395.2	4353.7	4301.2	4234.6	4161.8
12.5°	4242.0	4271.4	4285.7	4294.5	4285.7	4271.4	4242.0	4206.7	4152.9	4100.5	4024.2
10°	4143.8	4172.1	4183.5	4187.7	4183.5	4172.1	4143.8	4109.9	4067.5	4008.8	3940.4
7.5°	4073.3	4091.5	4099.2	4105.1	4099.2	4091.5	4073.3	4046.4	4001.9	3941.2	3873.4
5°	4016.4	4030.9	4039.0	4047.6	4039.0	4030.9	4016.4	3984.5	3941.9	3887.8	3817.7
2.5°	3939.0	3959.6	3974.0	3982.6	3974.0	3959.6	3939.0	3910.2	3873.9	3822.3	3749.2
0°	3862.9	3882.4	3892.6	3909.3	3892.6	3882.4	3862.9	3834.1	3797.9	3746.9	3675.4
-2.5°	3779.3	3801.8	3828.7	3854.5	3828.7	3801.8	3779.3	3750.8	3719.0	3668.2	3599.9
-5°	3715.3	3745.1	3750.7	3767.3	3750.7	3745.1	3715.3	3678.8	3635.7	3580.3	3514.5
-7.5°	3618.8	3632.4	3655.5	3659.6	3655.5	3632.4	3618.8	3587.2	3534.2	3473.7	3403.5
-10°	3470.1	3492.2	3506.6	3521.3	3506.6	3492.2	3470.1	3436.7	3392.1	3332.8	3268.5
-12.5°	3295.4	3321.4	3344.5	3341.3	3344.5	3321.4	3295.4	3265.1	3224.9	3172.4	3107.6
-15°	3125.2	3150.3	3166.2	3164.0	3166.2	3150.3	3125.2	3087.5	3051.3	3000.3	2944.2
-17.5°	2956.2	2979.1	3002.2	3001.6	3002.2	2979.1	2956.2	2923.7	2882.9	2836.1	2777.2
-20°	2781.7	2801.3	2826.1	2836.4	2826.1	2801.3	2781.7	2753.7	2705.7	2654.9	2594.5



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 CATALOG NUMBER: GFLD-SA2D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2580.0	2605.0	2623.0	2634.0	2623.0	2605.0	2580.0	2544.1	2501.8	2441.8	2388.5
-25°	2344.8	2370.6	2384.2	2389.0	2384.2	2370.6	2344.8	2317.5	2276.2	2218.3	2162.7
-27.5°	2085.0	2113.9	2127.9	2120.8	2127.9	2113.9	2085.0	2058.2	2012.8	1974.2	1920.3
-30°	1818.6	1837.1	1839.3	1855.3	1839.3	1837.1	1818.6	1798.5	1760.3	1723.3	1678.7
-32.5°	1555.7	1568.1	1561.1	1562.1	1561.1	1568.1	1555.7	1533.6	1502.6	1470.8	1440.3
-35°	1296.1	1306.0	1308.0	1326.3	1308.0	1306.0	1296.1	1284.6	1266.2	1231.6	1219.4
-37.5°	1087.5	1091.4	1085.3	1076.6	1085.3	1091.4	1087.5	1075.1	1063.1	1040.7	1031.9
-40°	910.5	913.6	911.3	906.8	911.3	913.6	910.5	901.7	901.3	890.2	878.2
-42.5°	783.2	783.2	781.2	780.6	781.2	783.2	783.2	777.1	775.6	765.7	750.2
-45°	689.1	690.1	689.9	689.6	689.9	690.1	689.1	684.8	681.9	675.2	662.6
-47.5°	616.1	616.3	615.4	613.5	615.4	616.3	616.1	613.0	608.6	602.4	592.7
-50°	551.5	551.6	552.8	555.0	552.8	551.6	551.5	549.4	545.9	541.4	534.2
-52.5°	497.0	496.8	497.5	498.4	497.5	496.8	497.0	495.4	492.3	488.4	482.4
-55°	447.1	446.8	446.1	444.6	446.1	446.8	447.1	445.9	443.2	439.2	433.3
-57.5°	399.3	398.7	397.5	395.4	397.5	398.7	399.3	398.3	395.7	392.5	388.6
-60°	353.8	354.0	353.4	351.8	353.4	354.0	353.8	352.6	350.5	348.9	346.4
-62.5°	312.3	311.7	311.5	310.9	311.5	311.7	312.3	312.0	310.8	309.1	306.8
-65°	273.4	272.8	273.0	272.9	273.0	272.8	273.4	273.2	272.2	270.8	269.1
-67.5°	236.9	236.7	236.9	236.7	236.9	236.7	236.9	236.4	235.3	234.1	233.2
-70°	203.2	203.3	202.2	200.5	202.2	203.3	203.2	202.6	201.5	200.4	199.4
-72.5°	169.7	169.1	169.2	168.9	169.2	169.1	169.7	169.8	169.4	168.6	167.5
-75°	138.1	137.7	138.6	139.2	138.6	137.7	138.1	138.1	137.9	137.5	137.4
-77.5°	109.9	109.1	109.8	110.4	109.8	109.1	109.9	110.5	110.7	110.7	110.6
-80°	85.4	85.1	84.9	84.5	84.9	85.1	85.4	85.5	85.4	85.2	85.4
-82.5°	63.2	62.8	62.6	62.2	62.6	62.8	63.2	63.4	63.5	63.5	63.3
-85°	40.0	39.7	40.3	40.8	40.3	39.7	40.0	40.2	40.3	40.2	40.3
-87.5°	18.4	18.5	18.1	17.6	18.1	18.5	18.4	18.3	18.2	18.0	18.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558690 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.1	13.7	14.3	14.4	14.5	14.5	14.4	14.3	14.2	14.0	13.8
85°	41.3	41.4	41.5	42.1	42.6	42.7	42.5	41.8	40.8	39.5	37.9
82.5°	80.1	79.9	79.6	80.4	80.8	80.7	80.1	78.5	76.4	73.9	70.9
80°	124.2	124.1	123.8	125.6	126.4	126.3	125.2	122.4	118.6	114.8	111.0
77.5°	178.2	179.4	179.9	181.6	182.0	181.0	178.2	173.9	170.2	165.3	158.8
75°	246.0	247.5	248.6	250.2	250.3	248.9	246.0	240.8	233.9	225.2	213.7
72.5°	325.9	327.9	328.5	328.5	326.8	325.0	320.9	313.9	304.8	293.5	278.3
70°	420.2	421.5	420.9	418.2	414.8	410.4	403.5	393.6	381.0	367.8	349.1
67.5°	531.1	529.7	525.9	520.6	515.0	506.6	495.5	481.3	466.8	450.2	425.0
65°	657.1	652.7	647.6	640.5	629.9	615.7	598.6	580.7	561.7	538.6	506.8
62.5°	799.2	785.0	780.1	773.2	759.8	740.1	719.1	696.3	668.0	634.9	603.0
60°	964.6	952.5	940.5	924.5	904.8	880.2	853.6	822.8	788.0	751.1	708.3
57.5°	1143.2	1127.1	1114.8	1093.4	1062.9	1034.1	1000.7	958.3	916.5	873.8	822.7
55°	1357.1	1335.0	1308.8	1279.0	1246.4	1209.0	1163.4	1113.9	1062.7	1004.0	949.5
52.5°	1566.8	1547.1	1517.0	1474.4	1436.0	1397.0	1343.4	1285.3	1227.5	1166.6	1090.1
50°	1814.8	1784.8	1743.7	1694.0	1653.8	1600.7	1540.9	1470.5	1410.3	1340.6	1256.4
47.5°	2063.9	2044.4	1996.0	1938.4	1901.1	1839.4	1765.8	1686.9	1620.5	1525.7	1433.9
45°	2379.2	2343.6	2289.3	2239.8	2181.4	2112.9	2019.1	1943.7	1854.9	1751.4	1618.3
42.5°	2748.6	2697.2	2626.7	2585.1	2515.0	2424.7	2320.3	2225.4	2114.7	1993.6	1840.8
40°	3196.3	3111.6	3040.0	2972.9	2893.1	2774.0	2658.3	2531.9	2399.5	2250.6	2051.6
37.5°	3710.6	3620.8	3515.3	3404.4	3301.2	3165.3	3010.4	2861.6	2702.4	2478.4	2251.6
35°	4246.0	4143.6	4013.3	3878.9	3718.6	3528.2	3368.4	3192.9	2975.5	2684.9	2436.7
32.5°	4774.8	4606.4	4465.3	4320.3	4080.4	3845.2	3673.2	3517.3	3148.2	2848.3	2599.2
30°	5157.1	4944.0	4801.0	4602.4	4301.3	4087.3	3923.7	3600.1	3256.5	2962.2	2725.9
27.5°	5240.7	5083.0	4937.9	4639.8	4380.5	4191.2	3935.6	3605.7	3293.3	3016.3	2787.5
25°	5080.1	4936.1	4759.5	4511.7	4295.2	4100.7	3832.3	3533.5	3253.1	3008.9	2752.1
22.5°	4775.0	4643.4	4482.7	4289.3	4105.7	3907.3	3670.7	3411.7	3170.6	2942.0	2693.4
20°	4483.6	4365.1	4216.1	4062.8	3905.0	3716.8	3492.3	3280.5	3084.3	2862.9	2622.8
17.5°	4254.5	4132.0	4015.0	3882.1	3720.4	3528.1	3366.6	3192.2	2998.2	2778.3	2542.2
15°	4063.5	3971.3	3859.7	3719.7	3571.3	3434.4	3280.8	3102.4	2909.2	2686.9	2467.1
12.5°	3946.8	3848.3	3726.5	3616.9	3493.2	3350.0	3191.8	3009.8	2825.1	2638.9	2441.8
10°	3853.6	3760.2	3659.9	3544.5	3414.0	3265.4	3117.4	2959.2	2787.2	2604.4	2409.4
7.5°	3793.8	3697.5	3590.6	3478.1	3352.9	3219.4	3074.2	2916.8	2743.1	2560.7	2369.5
5°	3735.7	3639.9	3537.1	3429.2	3301.2	3167.9	3024.1	2866.3	2691.9	2507.9	2321.7
2.5°	3669.4	3578.6	3479.6	3371.6	3241.6	3108.6	2966.7	2807.0	2635.1	2458.2	2267.3
0°	3594.7	3511.1	3404.4	3295.8	3173.3	3043.4	2901.3	2738.0	2570.0	2402.9	2204.3
-2.5°	3523.7	3434.7	3336.2	3228.4	3111.0	2976.6	2835.4	2677.4	2505.8	2336.9	2142.7
-5°	3437.0	3350.5	3251.6	3139.0	3020.7	2888.0	2747.7	2595.0	2426.3	2259.3	2073.7
-7.5°	3325.3	3242.3	3148.8	3036.8	2916.0	2783.4	2641.6	2489.0	2324.7	2159.5	1979.1
-10°	3191.3	3103.0	3007.9	2903.5	2790.4	2665.1	2524.8	2372.5	2214.4	2049.9	1876.4
-12.5°	3034.1	2950.1	2854.9	2752.9	2641.4	2518.8	2388.9	2243.6	2095.8	1930.5	1765.9
-15°	2866.7	2792.8	2699.1	2592.3	2478.3	2362.2	2238.9	2100.3	1963.8	1802.1	1647.7
-17.5°	2706.4	2625.0	2532.6	2434.0	2319.7	2197.6	2078.4	1951.4	1819.3	1672.0	1530.7
-20°	2526.5	2444.1	2358.4	2263.6	2154.7	2037.2	1915.7	1794.5	1670.5	1542.2	1413.8



REPORT NUMBER: P558690 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2323.4	2251.4	2170.3	2080.5	1974.1	1863.7	1752.4	1637.9	1520.6	1410.2	1294.9
-25°	2105.7	2040.4	1960.7	1875.9	1781.8	1682.1	1584.6	1482.9	1381.9	1278.4	1176.2
-27.5°	1870.4	1809.7	1740.7	1666.4	1583.1	1502.2	1416.0	1328.4	1246.7	1155.4	1066.3
-30°	1629.1	1582.0	1522.7	1452.8	1394.9	1327.5	1249.2	1186.9	1116.2	1037.9	965.3
-32.5°	1397.0	1359.0	1310.3	1263.8	1215.4	1161.5	1108.0	1050.2	988.5	932.8	873.3
-35°	1187.6	1156.0	1129.4	1094.6	1049.3	1013.5	972.3	924.8	877.7	832.9	785.2
-37.5°	1015.3	987.1	967.3	941.4	909.8	876.4	849.4	816.8	778.1	742.3	703.7
-40°	867.4	844.0	829.6	814.0	792.4	761.3	744.2	719.9	693.3	658.9	627.8
-42.5°	749.0	737.9	721.5	711.7	694.8	673.7	651.7	637.7	616.4	589.6	564.1
-45°	658.6	651.4	637.3	627.5	615.1	598.3	576.0	565.5	549.4	530.8	506.7
-47.5°	586.1	580.9	570.4	557.6	548.0	533.5	517.9	503.0	493.6	477.7	457.9
-50°	526.0	521.0	511.8	499.0	490.1	479.1	466.7	452.0	443.1	429.5	413.2
-52.5°	474.3	467.9	459.7	449.0	440.5	432.8	421.8	408.3	396.5	387.2	375.2
-55°	425.4	420.0	414.5	406.9	397.6	390.1	379.7	368.0	358.3	350.3	340.0
-57.5°	384.2	379.4	373.4	366.1	357.7	350.3	342.6	333.5	323.5	316.0	306.4
-60°	342.5	337.3	332.9	327.5	320.9	314.2	307.8	300.1	290.9	283.4	275.0
-62.5°	303.5	299.3	295.7	291.3	286.0	280.1	274.4	267.9	260.3	252.5	245.5
-65°	266.8	263.9	260.7	256.9	252.5	247.5	242.6	237.1	231.0	224.2	217.6
-67.5°	231.4	228.8	226.1	223.3	220.3	216.7	212.9	208.2	203.0	197.5	192.0
-70°	197.7	195.2	193.0	191.4	189.6	187.2	184.2	180.5	176.3	171.9	167.1
-72.5°	166.1	164.4	163.0	162.1	160.6	158.7	156.4	153.9	150.9	147.4	142.9
-75°	137.0	136.1	135.1	134.4	133.3	131.6	129.7	127.8	125.4	122.5	118.7
-77.5°	110.2	109.6	108.8	108.1	107.0	105.4	103.6	102.1	100.5	98.3	95.4
-80°	85.3	85.0	84.4	83.9	83.1	82.1	80.8	79.4	77.6	75.4	73.3
-82.5°	63.0	62.5	62.0	61.5	60.8	59.9	58.7	57.7	56.4	55.0	53.5
-85°	40.3	40.2	39.9	39.5	39.0	38.5	38.0	37.6	37.0	36.3	35.5
-87.5°	17.9	17.8	17.7	18.1	18.5	18.8	19.0	18.8	18.5	18.2	17.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558690 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.5	13.1	12.7	12.2	12.0	11.6	11.2	10.6	9.7	8.7	7.7
85°	36.0	33.8	31.3	28.5	25.9	23.2	22.3	21.2	19.4	17.5	15.5
82.5°	67.1	63.9	60.5	56.7	52.6	48.2	43.6	38.6	32.5	26.7	23.2
80°	106.1	100.6	94.6	88.1	80.9	73.1	66.8	59.9	51.3	43.0	35.0
77.5°	150.3	141.1	131.1	122.6	113.8	104.2	93.9	82.3	69.8	59.1	48.8
75°	199.5	187.9	176.0	163.0	149.2	135.2	123.0	108.8	91.9	75.5	62.4
72.5°	260.9	242.9	224.3	205.3	188.7	171.7	154.1	134.9	115.1	95.7	76.8
70°	326.5	301.7	278.4	255.5	231.7	208.1	187.7	164.0	137.9	115.6	94.0
67.5°	396.5	369.4	339.8	307.3	278.5	250.6	222.1	193.3	164.1	135.2	110.7
65°	475.8	441.6	404.6	368.9	330.9	293.6	261.6	223.6	189.7	157.8	127.1
62.5°	563.1	518.4	478.2	433.3	388.8	344.8	299.8	257.0	215.7	179.9	145.3
60°	662.0	612.9	556.5	506.3	452.6	398.7	345.2	289.4	244.2	201.4	164.0
57.5°	770.8	713.1	652.7	586.3	523.3	459.5	390.5	326.3	271.8	224.7	181.9
55°	884.5	819.7	751.4	678.4	600.6	527.0	438.1	364.2	299.6	247.8	198.6
52.5°	1011.8	934.4	855.6	773.3	687.6	592.5	491.0	399.8	330.8	270.0	216.3
50°	1158.5	1061.7	968.2	873.6	775.8	661.4	540.4	442.5	360.1	292.3	233.2
47.5°	1325.8	1208.3	1092.5	978.9	870.7	725.4	594.8	483.1	387.4	316.0	248.9
45°	1499.1	1369.6	1229.4	1098.0	947.9	790.1	647.7	520.6	420.4	336.7	263.4
42.5°	1673.0	1532.9	1382.4	1218.1	1027.1	851.5	696.1	562.7	450.8	355.8	278.6
40°	1866.2	1695.7	1535.0	1329.7	1099.1	907.3	745.9	602.2	478.1	374.9	293.8
37.5°	2050.5	1861.9	1685.2	1414.8	1165.0	964.5	791.4	637.5	503.1	395.7	307.6
35°	2222.5	2023.0	1760.9	1484.1	1230.3	1012.8	831.6	670.8	529.7	413.9	320.0
32.5°	2379.3	2126.3	1819.0	1538.2	1282.2	1052.3	868.2	700.4	552.5	429.7	331.0
30°	2486.3	2164.9	1858.9	1577.2	1320.8	1090.5	897.9	725.1	571.4	443.0	341.1
27.5°	2492.0	2182.8	1880.2	1601.6	1347.4	1118.6	920.5	744.6	586.5	455.3	351.7
25°	2472.4	2175.0	1883.3	1610.6	1361.5	1141.6	937.8	759.3	600.4	467.3	360.3
22.5°	2426.7	2147.0	1869.1	1604.5	1376.9	1157.4	952.2	771.8	611.6	476.4	367.1
20°	2369.0	2101.5	1845.3	1610.5	1384.7	1167.5	963.0	779.9	618.8	482.6	371.9
17.5°	2298.3	2065.4	1841.3	1609.4	1384.7	1170.5	967.8	783.7	622.3	485.9	374.9
15°	2265.8	2051.2	1829.2	1600.8	1377.1	1166.6	966.9	783.1	622.0	486.6	377.1
12.5°	2239.7	2028.9	1809.6	1584.8	1362.1	1156.1	960.5	778.5	618.3	486.6	378.6
10°	2206.6	1998.5	1782.5	1561.4	1340.1	1139.2	948.9	771.4	616.5	485.8	378.7
7.5°	2166.3	1960.1	1747.9	1530.8	1313.6	1120.3	936.9	763.5	612.6	482.9	377.4
5°	2119.6	1917.8	1710.7	1501.5	1293.4	1100.3	921.1	751.8	606.1	478.1	374.8
2.5°	2069.0	1874.1	1669.1	1466.0	1268.0	1075.4	901.1	736.7	597.1	471.4	370.8
0°	2010.3	1822.9	1620.5	1423.8	1237.2	1046.0	877.1	718.4	585.7	463.1	365.7
-2.5°	1958.8	1766.6	1568.1	1378.0	1192.4	1010.7	851.0	700.0	573.1	454.9	360.3
-5°	1898.9	1703.1	1509.6	1326.4	1142.9	971.8	821.6	679.2	558.5	445.3	353.9
-7.5°	1810.9	1625.5	1443.0	1268.3	1089.3	929.8	789.6	656.3	542.0	434.4	346.5
-10°	1711.7	1537.5	1367.4	1202.8	1037.2	888.3	755.8	631.7	524.0	422.2	338.2
-12.5°	1606.9	1444.9	1287.7	1134.1	983.5	847.4	723.5	607.4	504.7	408.9	329.1
-15°	1497.1	1348.3	1204.5	1063.1	928.1	804.5	689.6	582.7	485.8	395.3	319.2
-17.5°	1385.4	1248.6	1118.4	990.5	871.5	759.8	654.5	556.7	465.8	381.7	309.3
-20°	1283.4	1155.5	1030.6	917.0	814.4	713.9	618.6	529.6	444.9	367.4	299.3



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1181.8	1069.5	956.8	848.7	758.5	667.0	582.2	501.7	423.4	352.5	288.6
-25°	1080.6	984.1	884.7	791.9	704.2	623.4	547.0	473.2	401.2	337.0	277.3
-27.5°	985.2	900.7	812.3	735.0	656.8	580.5	513.1	446.1	379.8	321.0	265.3
-30°	894.2	821.2	747.3	679.3	610.0	543.2	479.1	419.0	360.2	305.6	252.8
-32.5°	810.1	742.6	685.4	627.7	566.9	506.1	447.6	392.1	340.6	290.3	241.1
-35°	732.0	675.6	625.2	577.7	525.3	472.4	418.7	365.5	321.0	274.5	229.6
-37.5°	657.6	616.1	573.0	530.7	483.9	439.3	391.6	343.5	301.4	258.3	217.8
-40°	596.4	561.0	525.1	486.3	447.1	407.0	364.3	322.7	282.4	241.7	205.9
-42.5°	538.2	510.7	479.6	443.1	413.0	377.1	337.5	301.5	264.0	226.8	193.7
-45°	486.3	463.0	436.5	409.1	380.3	347.6	313.8	280.2	245.5	212.8	182.0
-47.5°	437.5	420.1	398.6	375.6	349.1	319.2	289.9	259.8	227.1	198.8	170.8
-50°	396.3	381.3	364.0	343.2	318.5	293.2	266.4	239.4	211.6	185.0	159.3
-52.5°	360.5	346.2	330.8	311.6	290.6	267.1	244.8	219.5	195.8	171.6	147.6
-55°	327.0	313.0	298.8	282.4	263.5	243.9	223.3	201.9	179.8	158.2	136.0
-57.5°	295.3	281.6	269.5	254.8	238.9	221.8	203.3	184.0	164.5	144.7	125.6
-60°	264.8	253.7	241.7	229.7	215.8	200.3	183.7	166.4	149.2	131.3	115.1
-62.5°	236.9	226.8	216.9	205.9	193.2	179.2	164.2	149.5	133.8	119.3	104.4
-65°	210.6	202.3	192.8	182.5	170.9	158.6	146.0	132.5	119.8	107.1	93.7
-67.5°	185.5	177.8	168.6	159.0	149.9	139.6	127.8	117.0	106.3	94.8	83.1
-70°	160.9	153.5	145.8	138.5	130.3	120.9	111.5	102.1	92.5	83.0	72.4
-72.5°	137.3	131.4	125.3	118.7	111.5	103.8	95.5	87.3	79.7	71.2	61.7
-75°	114.3	109.8	105.1	99.7	93.4	86.7	80.3	73.7	66.9	59.3	52.2
-77.5°	92.2	88.8	85.0	81.1	76.3	71.2	65.7	60.0	54.5	49.0	43.1
-80°	71.4	69.2	66.7	63.7	59.7	55.5	51.6	47.5	43.3	38.8	33.9
-82.5°	52.1	50.5	48.8	46.7	44.0	41.2	38.4	35.4	32.1	28.5	25.0
-85°	34.4	33.2	31.8	30.2	28.6	26.9	25.2	23.5	21.3	19.0	16.7
-87.5°	17.1	16.4	15.7	14.9	14.2	13.4	12.6	11.7	10.6	9.5	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.7	5.7	4.6	3.5	2.3	1.2	0.0
85°	13.4	11.3	9.2	7.0	4.7	2.3	0.0
82.5°	20.1	17.0	13.7	10.4	7.0	3.5	0.0
80°	27.4	22.6	18.3	13.9	9.3	4.6	0.0
77.5°	38.9	29.5	22.8	17.3	11.6	5.7	0.0
75°	50.3	38.7	27.8	20.7	13.9	6.8	0.0
72.5°	61.5	47.7	34.8	24.0	16.1	7.9	0.0
70°	72.8	56.6	41.7	27.7	18.3	9.0	0.0
67.5°	86.8	65.3	48.4	32.6	20.5	10.1	0.0
65°	100.3	74.9	55.0	37.4	22.6	11.2	0.0
62.5°	113.4	85.4	61.4	42.1	24.7	12.2	0.0
60°	126.0	95.6	67.6	46.6	26.8	13.2	0.0
57.5°	140.2	105.3	75.1	51.0	29.6	14.2	0.0
55°	154.1	114.6	82.4	55.3	32.4	15.1	0.0
52.5°	167.2	123.8	89.3	59.4	35.1	16.0	0.0
50°	179.5	133.8	95.9	63.4	37.7	16.9	0.0
47.5°	191.3	143.3	102.1	67.3	40.2	17.8	0.0
45°	203.5	152.1	108.0	71.7	42.6	18.6	0.0
42.5°	214.9	160.2	113.5	75.9	44.9	19.4	0.0
40°	225.2	167.7	119.1	79.8	47.1	20.1	0.0
37.5°	234.5	174.5	124.7	83.5	49.2	20.8	0.0
35°	242.8	181.3	129.8	87.0	51.1	21.5	0.0
32.5°	250.8	187.7	134.4	90.2	52.9	22.1	0.0
30°	259.3	193.3	138.5	93.2	54.6	22.7	0.0
27.5°	266.7	198.2	142.4	96.0	56.2	23.2	0.0
25°	272.9	202.2	145.8	98.4	57.6	23.7	0.0
22.5°	278.0	205.8	148.8	100.7	58.9	24.2	0.0
20°	282.0	209.3	151.3	102.6	60.0	24.6	0.0
17.5°	285.6	212.2	153.3	104.3	61.0	24.9	0.0
15°	288.4	214.4	154.8	105.7	61.9	25.2	0.0
12.5°	290.2	216.1	155.9	106.8	62.6	25.5	0.0
10°	290.9	217.2	156.5	107.7	63.2	25.7	0.0
7.5°	290.6	217.6	156.7	108.3	63.6	25.8	0.0
5°	289.3	217.4	156.6	108.7	63.9	25.9	0.0
2.5°	287.1	216.7	156.0	108.8	64.0	26.0	0.0
0°	284.0	215.3	155.0	108.6	64.0	26.0	0.0
-2.5°	280.8	213.3	154.2	108.1	63.8	26.0	0.0
-5°	276.7	210.7	153.1	107.4	63.6	26.0	0.0
-7.5°	272.0	207.6	151.7	106.4	63.1	26.0	0.0
-10°	266.5	204.0	149.9	105.1	62.6	25.8	0.0
-12.5°	260.4	200.0	147.8	103.7	61.9	25.7	0.0
-15°	253.7	195.5	145.3	102.0	61.0	25.5	0.0
-17.5°	246.3	190.8	142.5	100.1	60.1	25.2	0.0
-20°	238.7	185.6	139.4	98.0	59.0	24.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	231.1	180.2	135.9	95.6	57.8	24.5	0.0
-25°	223.0	174.7	132.2	93.1	56.5	24.1	0.0
-27.5°	214.5	169.1	128.2	90.4	55.0	23.6	0.0
-30°	205.6	163.1	123.9	87.5	53.5	23.1	0.0
-32.5°	196.4	156.7	119.4	84.5	51.9	22.6	0.0
-35°	187.8	150.0	114.8	81.3	50.2	22.0	0.0
-37.5°	179.3	143.3	109.9	77.9	48.3	21.3	0.0
-40°	170.5	136.8	104.8	74.3	46.4	20.6	0.0
-42.5°	161.4	130.1	99.7	70.7	44.4	19.9	0.0
-45°	152.0	123.2	94.6	66.9	42.3	19.1	0.0
-47.5°	142.4	116.1	89.4	63.0	40.2	18.3	0.0
-50°	133.5	108.9	84.0	59.5	38.0	17.4	0.0
-52.5°	124.7	101.5	78.5	56.0	35.7	16.5	0.0
-55°	115.8	94.3	72.7	52.5	33.3	15.6	0.0
-57.5°	106.7	87.0	66.9	48.8	30.9	14.6	0.0
-60°	97.6	79.6	60.9	45.1	28.4	13.6	0.0
-62.5°	88.6	72.0	55.9	41.3	26.3	12.6	0.0
-65°	79.5	64.3	50.7	37.4	24.1	11.5	0.0
-67.5°	70.2	57.2	45.5	33.4	21.9	10.4	0.0
-70°	60.8	50.6	40.2	29.4	19.6	9.3	0.0
-72.5°	52.8	43.9	34.8	25.7	17.2	8.2	0.0
-75°	44.8	37.2	29.3	22.1	14.8	7.1	0.0
-77.5°	36.8	30.5	24.4	18.5	12.4	5.9	0.0
-80°	28.8	24.2	19.6	14.8	10.0	4.8	0.0
-82.5°	21.5	18.2	14.7	11.2	7.5	3.6	0.0
-85°	14.4	12.1	9.8	7.4	5.0	2.4	0.0
-87.5°	7.2	6.1	4.9	3.7	2.5	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)